

smanos®



G310 | GSM/SMS

Alarm System with
Bluetooth Speaker

User Manual

Features

1. Stylish and beautiful

Simple and elegant design, make lively home life

2. Multifunctional

2 in 1: Alarm system + Bluetooth speaker, enjoy both security and entertainment

Hi-Fi stereo, bring you an immersive listening experience

Support 50 wireless detectors and 10 remote controls

3. Excellent performance

ARM+Auror CPU with high speed core

Built-in 1,000,000 RF codes combination

Built-in high capacity rechargeable battery with 8 hours standby

4. Secure and convenient

Interactive operation through App or SMS, all in control anytime and anywhere

Support 5 alarm phone numbers

Support remote monitoring the site via phone

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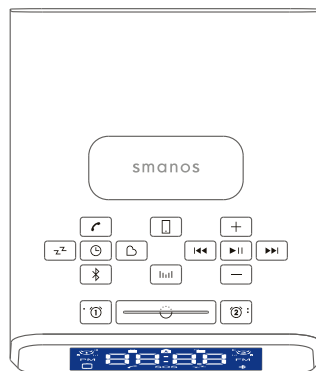
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In the Box

G310 Control Panel with Bluetooth Speaker x 1

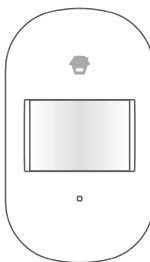
G310 is not only an alarm system, but also a Bluetooth speaker. As an alarm system, G310 control panel is the "heart and brain" of the whole system, which is for receiving and processing the signals from accessories. Users can make settings to the control panel through App or SMS. When alarming, the paired wireless sirens will alarm and the control panel will send SMS or dial preprogrammed phone numbers through the GSM network. Users can also monitor the site and disarm the system through

App/SMS/phone call. As a Bluetooth speaker, users can play music, audio, listen to radio, set the alarm clock and make hands-free phone calls through Bluetooth connection.



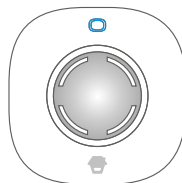
MD2300 PIR Motion Detector x 1

The detector adopts digital dual-core fuzzy logic control processing technology and intelligent analysis algorithm, effective resolution of interfering signal and human movement signal, preventing false alarm. It can detect the temperature and movement of human bodies within the 8-meter cone space. When detecting human movement twice in 3 minutes, it switches to the power-saving mode automatically. After 3 minutes of no human movement, it switches to the working state.



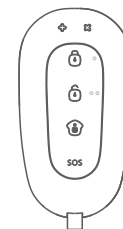
SS1005 Mini Strobe Siren x 1

When the paired detectors are triggered, the wireless siren will alarm; the strobe will flash and deter the intruders.



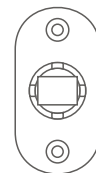
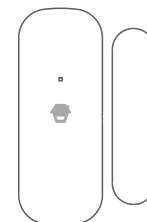
RE2300 Remote Control x 2

It's convenient to carry. With the remote control, you can arm/disarm the system, set home mode, perform mute arm/disarm, make an emergency call.

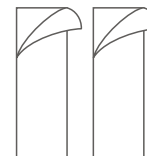


DS2300 Door/Window Contact x 1

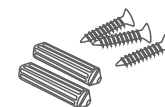
The contact can be used for doors, windows, or other devices that can be opened or closed. Once a window or door is opened (the transmitter and magnet are separated), an alarm will be triggered.



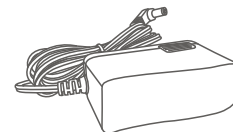
Double-sided Tape x 4
(2pcs for door/window contact, 2pcs for PIR sensor)



Bracket for PIR Detector x 1

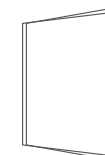


Screw Kit x 1
(For PIR sensor)

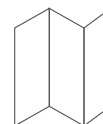


5V AC Adapter x 1

Supply power to the control panel. In case of power failure, the built-in backup battery in the panel will support 8-hour standby.



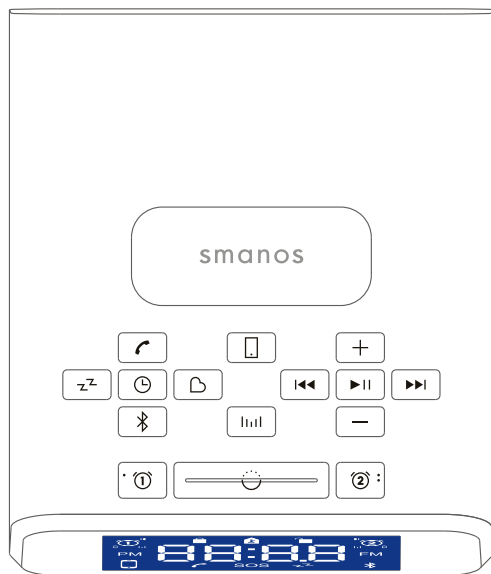
User Manual x 1



Quick Guide x 1

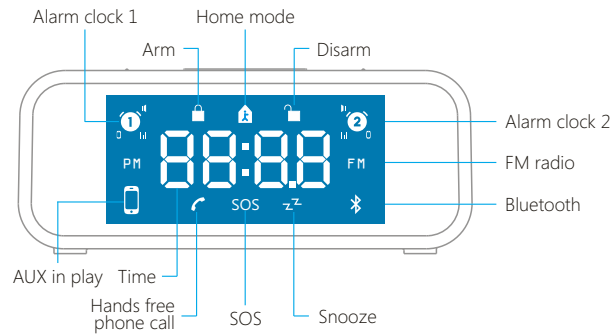
Control Panel Overview

Top View

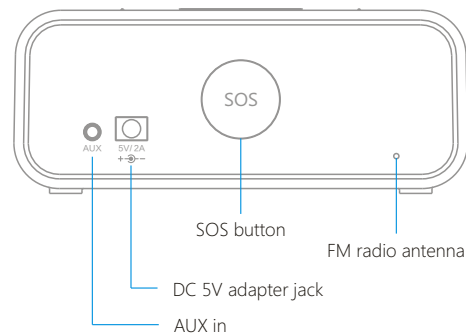


1.  : Press it to enter working status. Press and hold it for 2 seconds for standby (Display dims).
2.  : After pairing Bluetooth speaker and smart phone, press it to answer phone calls; Press it to hang up when a call is in process.
3.  : Press it to set the sleep time (under working status).
4.  : Press and hold it to set the clock (under standby status).
5.  : Press and hold it to save a favorite FM radio channel (while listening to FM radio).
6.  : Press it to switch to Bluetooth player under working status; under Bluetooth connection status, press it to pair Bluetooth devices.
7.  : Press it to switch to FM radio (under working status).
8.  : Press and hold it to set alarm clock 1 (under standby status).
9.  : Press and hold it to set alarm clock 2 (under standby status).
10.  : Press it to adjust LCD brightness under working/standby status; press it to enable the snooze function when alarm clock rings.
11.  : Press it to turn up the volume.
Press it go to turn to the previous song when playing music via Bluetooth;
12.  : Press and hold it to search channels automatically.
13.  : Press it to play or pause when playing music via Bluetooth.
14.  : Press it to turn to the next song when playing music via Bluetooth; Press and hold it to search channels automatically.
15.  : Press it to turn down the volume.

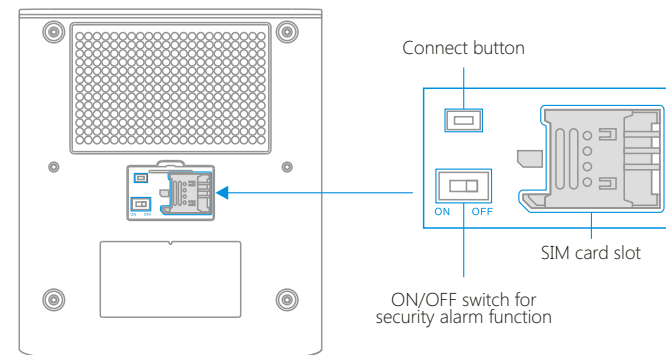
LCD



Back View



Bottom View



Preparation before Use

1. Insert a SIM card (850/900/1800/1900 MHz GSM frequency).
2. Plug the connector of AC adapter into the adapter jack of the control panel. Plug the AC adapter to a wall outlet.
3. Slide the switch from OFF to ON.

Note: In daily use, it is recommended to use external power supply. The built-in rechargeable battery should be used only in case of no AC power. Furthermore, the battery can only support the alarm function. For entertainment function, please connect the AC power. A GSM SIM card with normal functions (calling, answering, SMS and caller display) is required. Insert the SIM card only after the control panel is switched off. Then, switch on the control panel so as to search signals.

If no SIM card is inserted, users can neither receive alarm notification, nor setup the panel by phone. However, other functions are not affected.

Entertainment

Bluetooth Function

1. Bluetooth Connection

- ① Press "", Bluetooth icon on the LCD flashes fast; the control panel enters connection status automatically or press " " to enter connection status under working status.
- ② Enable the Bluetooth function on your smart phone within 3 meters to the control panel, and search for Bluetooth devices. (For details, please refer to the user manual of the mobile phone.)
- ③ Choose "G310" from the Bluetooth devices found on your phone for connection, when a beep is heard and Bluetooth icon is shown on the display, the connection is successful. (Some phones need to input verification code "0000" and confirm the connection).

2. Play Music/Audio and Answer Phone Call

After Bluetooth connection succeeded, make sure the phone and control panel is within 10 meters without barrier, and then users can feel free to play music/audio or answer phone calls.

Play Music

When Bluetooth connection is on, turn on the music player on the phone, press " " to pause or play.

When Bluetooth player is activated or on pause, press " " or " " to turn to the previous one or next one.

Play Audio

When Bluetooth connection is established and you are watching a video program on your phone, the control panel will play the audio.

Answer Phone Calls

When Bluetooth connection is established, if there is an incoming call, press " " to answer the call, and press " " again to hang up.

3. Volume Adjustment

Under FM radio or Bluetooth playing status, press (or hold) the " " or " " button to adjust the volume from 00 to 30.

4. Exit Bluetooth Connection

Press " " to exit Bluetooth connection status.

Operation succeeds when a beep is heard from the control panel.

Sleep Timer

Press " " under working status to set the sleep timer.

Sleep timer can be set to 90/80/70/60/50/40/30/20/10/OFF according to user's need (unit: minute). After the setting, " " will be shown at the bottom of the LCD.

Note: If you want to check the balance sleep time, press " ", the LCD will show the balance sleep time.

When the timer turns to be OFF, the control panel switches to the standby status automatically. At this time, FM radio and playing music will stop to enter sleeping mode.

Clock Setup

- ① The time is shown on the LCD under standby status. Press and hold " ", the number indicating hour on the LCD will flash; then press " " or " " to set the hour, press " " for confirmation.
- ② After hour is set, the number indicating minute on the LCD will flash; then press " " or " " to set the minute, press " " to confirm and back to normal status. Clock setup is done.

Note: Time format: 12-hour format. (PM will be shown on left of the LCD after 12 AM).

Alarm Clock Setup

1. Set the Time, Mode and Volume for Alarm Clock

- ① Under standby status (by pressing the smartphone logo on top for 2 seconds first), time is shown on the LCD. Press and hold "" for 2 seconds, the number indicating hour will flash; then press "" or "" to set the hour, press "" for confirmation.
- ② After hour is set, the number indicating minute will flash; then press "" or "" to set the minute, press "" for confirmation.
- ③ On the LCD, "" will be flashing, press "" or "" to choose ring mode. "" beeps and "" radio are available, and press "" for confirmation.

Note: If "" is chosen, the ring beeps. If "" is chosen, the ring is from FM radio.

- ④ The default volume "25" is flashing. Press "" or "" to adjust the volume (05-30). Press "" for confirming and go back to normal status. The alarm clock icon is shown on the LCD and alarm clock setup is finished.
The icon "" will be shown on the LCD during the whole alarm clock setting. After the alarm clock setting, make sure the ring mode is set, with related icon shown on the LCD. When the time is up, the clock will ring.

2. Turn On/Off Alarm Clock

Press "" twice till the alarm clock icon disappears from the LCD to turn off the alarm clock.

Press "" once to show the alarm clock status. (Duration: 3 seconds)

Press "" twice again till the alarm clock icon is shown on the LCD to restart the alarm clock.

- Note:
1. The setting for alarm clock 2 is the same as that for alarm clock 1.
 2. Two alarm clocks can be set at the same time. When the time is up, the clock will ring.
 3. The time format is 12-hour. When alarm clock time is set to afternoon, PM will be shown on left of the LCD.
 4. Alarm clock can be set only under standby status.

Snooze Function

1. Activate Snooze

When the alarm clock rings, press "" to pause the alarm clock. Then the alarm clock icon "" or "" is flashing, furthermore, the "" displayed on the LCD screen. 9 minutes later, the alarm clock will ring again.

2. Deactivate Snooze

When the alarm clock icon "" or "" is flashing under snoozing status, Press any other button (except the snooze button) can deactivate the alarm clock. The icon "" or "" stops flashing, and the snooze function is deactivated. The alarm clock will be activated at the same set time of next day.

FM Radio Function

1. Search Channels Manually or Automatically

When the system is on, press "" to switch to FM radio. Press "" or "" to manually search radio channels. Press and hold "" or "" for 2 seconds to search channels automatically. When a channel is found, the search will stop automatically.

2. Exit FM Radio

Press the "" to exit FM radio or press and hold "" to switch to standby status.

3. Save Favorite Channels

If users want to save the channel in playing mode, just press and hold "", the LCD will show flashing "P01", press "" or "" to choose the channel number, then press "" for confirmation.

Note: Maximum 20 channels can be saved.
The existing channels could be replaced by new channels.

4. Listen to Saved Channels

Under FM radio status, press "" to switch to the saved channel. Press it again to the next saved channel.

AUX In

External audio sources such as MP3/CD music can be played through AUX In port under working status. The control panel will switch to AUX play and the LCD will show the " " icon at the bottom left.

Note: Set the volume of external audio sources to moderate. Excessive volume of external audio may cause damage to the device.

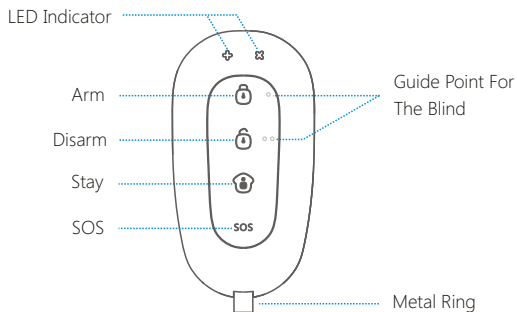
Test and Install Accessories

Accessories in this kit can work only with our control panels.

Remote Control

RE2300 remote control is dainty and delicate, easy to carry. It can be attached to your key ring, or just put into your pockets or purses. When you are about to exit or enter the house, you can use it to arm or disarm the system. In case of any emergency, just press the [SOS] button, the alarm will be activated immediately.

Overview



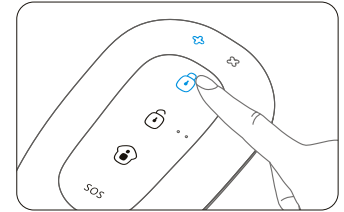
LED Indication

- + LED blinks once: Armed or in home mode
- x LED blinks once: Disarmed
- +, x LEDs blinks once: SOS

Arm(Away Arm)

In arm state, the system will trigger an alarm when detecting intrusion.

Press the [Arm] button. The control panel beeps once and the mode LED turns on, indicating the system is in the arm state.

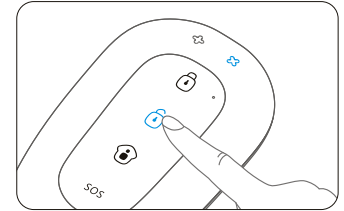


Note: If you do not want to take the remote control, entry and exit delay time can be set. For related definition and setting, please refer to page 32 or 37. If a wireless keypad is used, you only need to enter the password on the keypad without using the remote control.

Disarm

In disarm state, the detectors (except those accessories in the 24-hour zone) will not trigger an alarm when detecting intrusion.

Press the [Disarm] button. The control panel beeps twice and the mode LED is off, indicating the system is in disarm state.

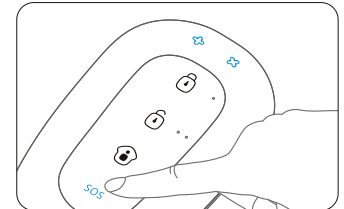


Note: If entry and exit delay is set, you can enter your home directly in the arm state, then disarm the system within the delay time. No alarm will be triggered in this case. If you disarm the system after the delay time, the system will trigger an alarm.

SOS

In case of emergency, you can press the [SOS] button.

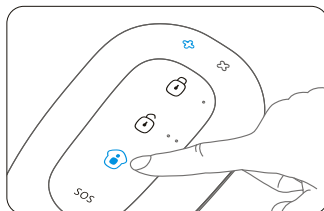
Whenever you press the [SOS] button on the remote control, the system will alarm immediately. The control panel will send SMS with the content "Emergency call" and call the preprogrammed phone numbers.



Home Mode(Part Arm)

In home mode, detectors that set in home zone are in disarm state; the other detectors are still in arm state. Thus, you can move freely at home. The detectors in 24 hour zone still stand guard.

Press the [Stay ] button. 3 seconds later, the control panel beeps once and the mode LED turns on.



Note: The PIR detector is set to home zone by default. That is, the PIR detector will not trigger an alarm after you press the [Stay ] button.

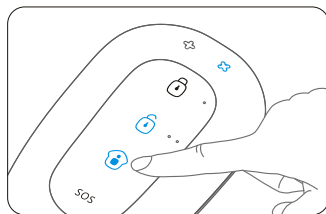
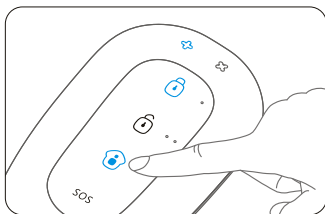
The zones include home zone, normal zone, 24-hour zone. For details of each zone, please refer to page 24.

Mute Operation

You can arm and disarm the system silently.

Press and hold the [Stay ] button for 1 second, and then press the [Arm ] button within 3 seconds. The system is armed silently.

Press and hold the [Stay ] button for 1 second, and then press the [Disarm ] button within 3 seconds. The system is disarmed silently.

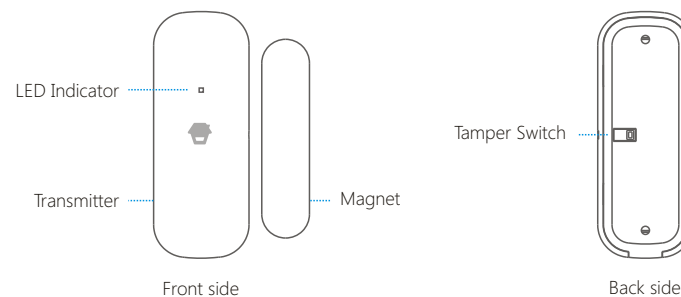


Note: The wireless siren will not sound either.

Test and Install the Door/Window Contact

The contact contains a transmitter and a magnet, which can be mounted on a door, window, or any object that can be opened or closed. When the transmitter and magnet are separated, or the tamper switch is pressed, the system will trigger an alarm.

Overview

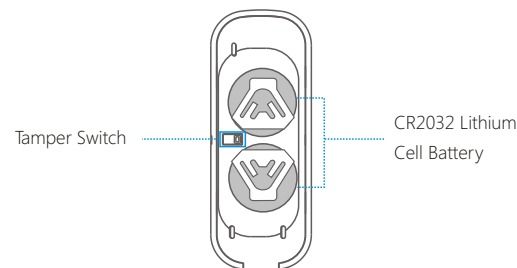


LED Indication

Blinks once: Intruder is detected.

Blinks once per 3 seconds after triggered: Low battery. Replace the battery as soon as possible.

PCB Layout

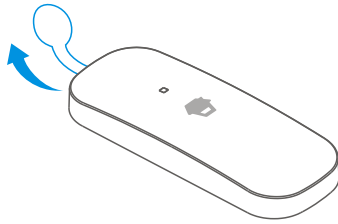


Test the Door/Window Contact

This is to test whether the contact can work properly.

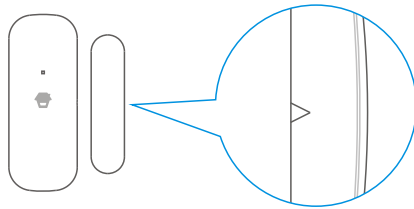
1. Remove the insulating strip

The contact works immediately.



2. Pay attention to the direction

There are triangle marks on the side of the transmitter and magnet. Make sure the triangle marks are close to each other and within the range of 1 cm.



3. Test the door/window contact

Press the [Arm] button. The system switches to the arm state. Separate the transmitter and magnet with the space more than 2 cm. The LED on the transmitter blinks once, then the system triggers an alarm. This means the contact works properly.

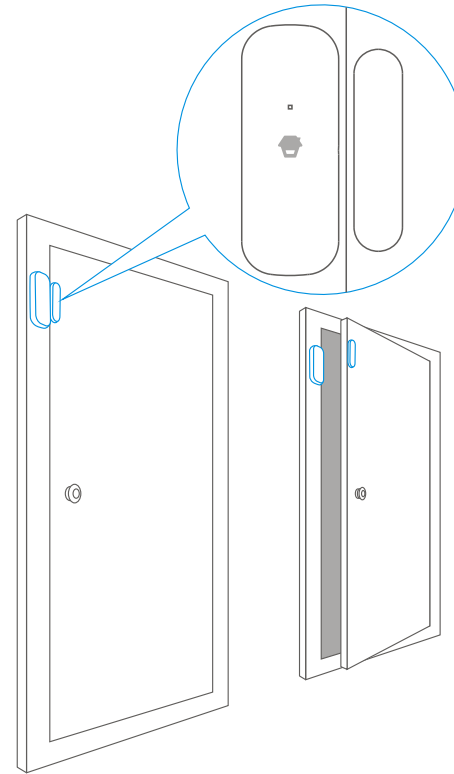


Install the Door/Window Contact

Make sure the triangle marks on the side of the transmitter and magnet are close to each other and within the range of 1 cm when installing.

Secure the contact with double-sided tapes

Secure the transmitter and magnet on the desired locations with double-sided tapes.



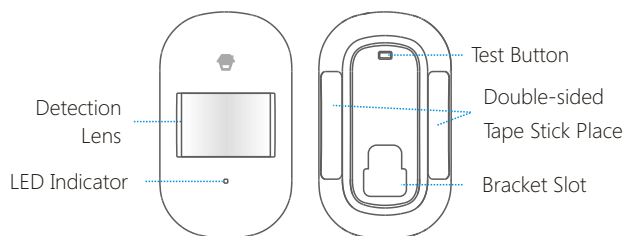
Note: If this product is installed on metal door, place spacers under the transmitter and magnet.

This product is not suitable for shutter door, please purchase shutter door sensor for your use.

Test and Install the PIR Motion Detector

The detector adopts digital dual-core fuzzy logic control processing technology and intelligent analysis algorithm, effective resolution of interfering signal and human movement signal, preventing false alarm. It features automatic temperature compensation and resistance to flow technology, adapting to environmental and temperature change. It can detect human movement within the 8-meter cone space, suitable for halls, hallways, etc.

Overview



LED Indication

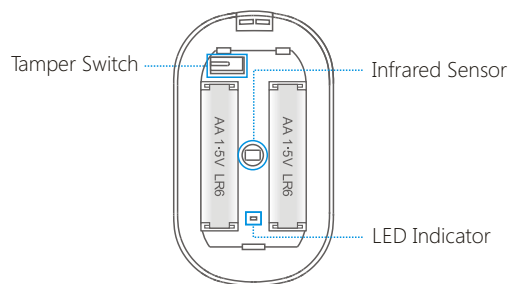
Blinks continuously: Self-testing.

Blinks once: Intrusion is detected.

Blinks twice: 3 minutes testing mode is finished, enters power saving mode.

Blinks once per 3 seconds: Low battery indication, user will receive SMS to the first phone number, please change the batteries immediately.

PCB Layout

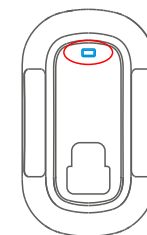


Note: When tamper switch is triggered, system will enter alarm state.

Working Mode

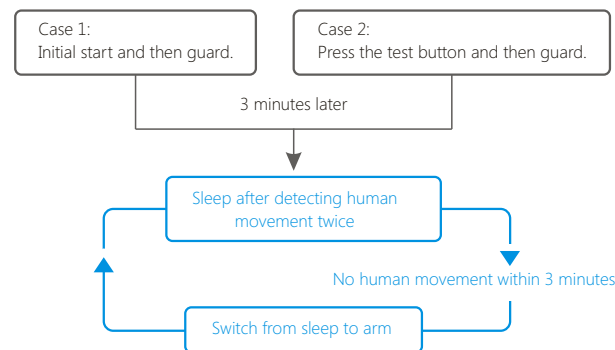
Testing Mode

After self-testing, press the test button, the detector switches to the testing mode and detects once every 10 seconds. It triggers an alarm. After 3 minutes, the LED blinks twice, and the detector switches to the power saving mode.



Power Saving Mode

The product features power-saving technology. If the detector detects human movement twice in 3 minutes, it will switch to the sleeping state to save power. At this time, the LED will not blink and no alarm. If there is no movement within the next 3 minutes, the detector switches back to the working state automatically.



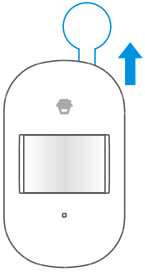
Note: After the detector enters the sleeping state, ensure no human movement within 3 minutes; otherwise, the detector remains sleeping. In the sleeping state, it is recommended that you leave the room after arming the system. Ensure no human movement in 3 minutes. Then, the detector will be in work state again.

Test the PIR Motion Detector

This is to test whether the PIR detector works normally.

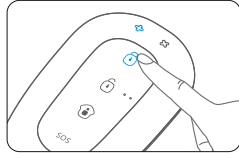
1. Remove the insulating strip

Remove the insulating strip.



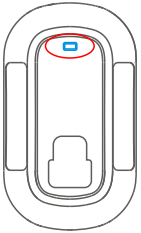
2. Arm the system

Press the [Arm] button on the remote control. The system is armed.



3. Trigger an alarm

Keep pressing the test button at the back until the siren sounds. It indicates that the PIR motion detector is connected to the control panel.

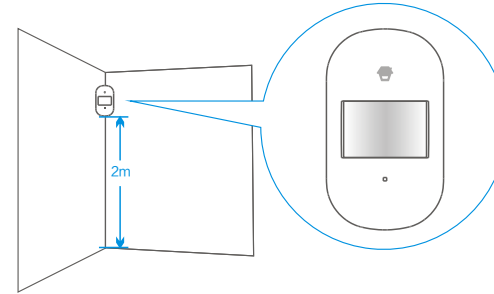


Install the PIR Motion Detector

After making sure the detector works normally, do as follows:

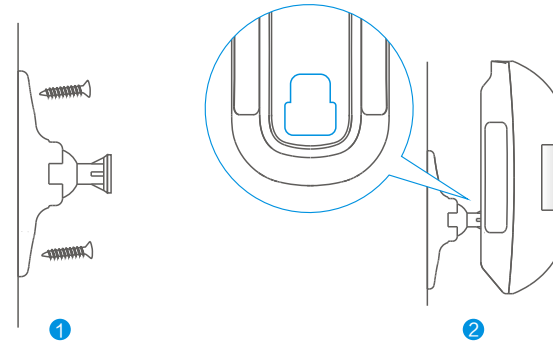
1. Choose a suitable installation location

It is recommended to mount it at the height of 2m above the ground. For installation notices, please see page 22-23.



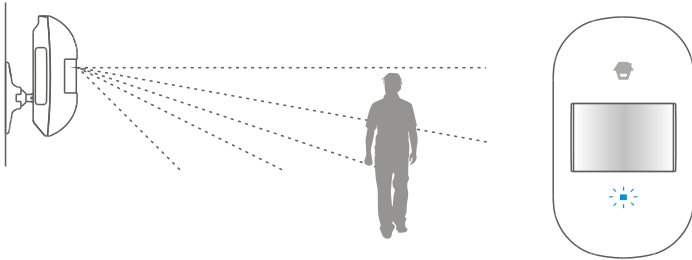
2. Fix the detector

Fix the installation bracket on the wall with screws, and then fit the groove at the back of the detector on the bracket. For the detector of this model, you can stick it at the corner with double-sided tapes.



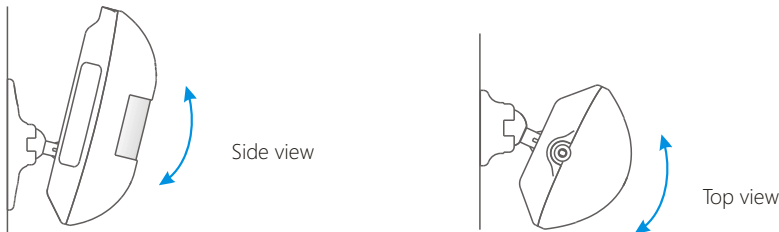
3. Test the PIR motion detector

Press the test button at the back. It switches to the testing mode and sustains for 3 minutes. Walk in the detection scope and observe the LED. When human movement is detected, the LED blinks once.

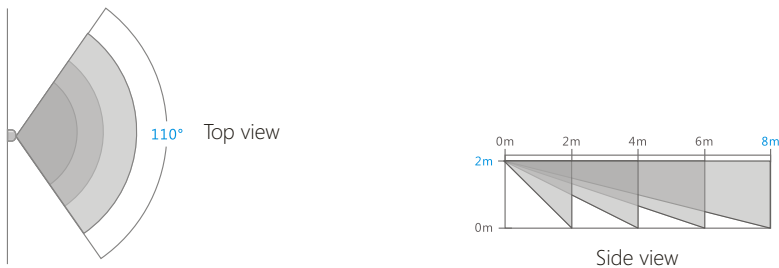


4. Adjust the angle

Adjust the bracket angle to achieve the best detection effect.



Detection Scope

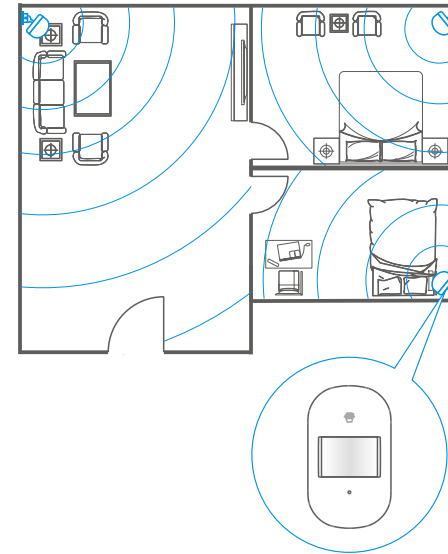


Installation Notices

Pay attention to the following during installation:

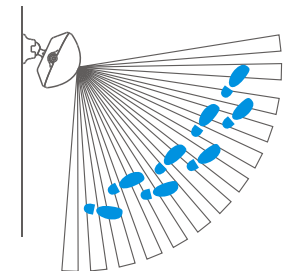
Mount the detector to a location close to the entry or exit

The detector aims at preventing intrusion. Detecting human movement at the entry or exit is critical for security.



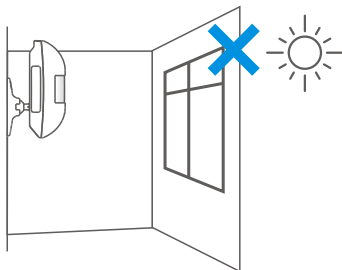
Mount the detector at a proper angle

The installation angle affects sensitivity directly. The sensitivity is optimal when the walk direction is vertical to the infrared direction. Choose the best location and angle according to the actual situation and detection scope diagram.



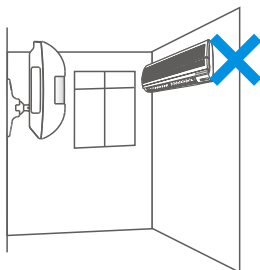
Avoid facing to glass windows or doors

Strong light interferes with detection sensitivity. In addition, complicated situations, such as traffic flow, stream of people, also should be avoided.



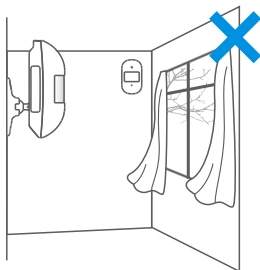
Avoid facing to or positioning close to heat/cold sources

Heat/cold sources, such as heat extraction units, heaters, air conditioner, microwave oven, refrigerator, which may cause false triggering, should be avoided.



Avoid facing to swinging objects

Swinging objects may also cause false alarm. Besides, if there are two detectors covering the same scope, adjust the locations to prevent cross-interference.



Zone Mode of Wireless Accessories

The zone mode of wireless accessory includes: normal zone, home mode zone or 24-H zone.

Normal Zone: In arm or home mode status, the system will alarm immediately once the sensors in normal zone is triggered.

Home Mode Zone: In home mode status, the system will not alarm once the sensor in home mode zone is triggered.

24-H Zone: In any condition, the system will alarm immediately once the 24-H zone detector is triggered.

Sensor	Default Zone
MD2300 PIR Motion Detector	Home Mode Zone
DS2300 Door/Window Contact	Normal Zone

Note: The default zone setting of smoke detector, gas detector or outdoor beam sensors are 24-H zone.

Operation and Settings

When a SIM card is inserted properly, the control panel beeps twice after a few seconds (depending on network condition), which means it has already connected with the network.

User can check the GSM signal quality by sending "CSQ" to the control panel, which will reply "Signal Quality:25" (for example). The smaller the number, the worse the signal quality. The larger the number, the better the signal quality.

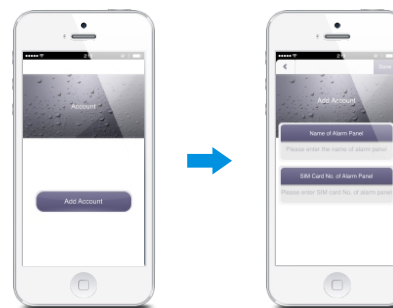
Note: The scope of signal quality can be 0 to 31.

App Operation

App Download

Search keywords "G310 Alarm" in Apple Store or Google Play, download it for free.

Add Accounts



Name of Alarm Panel: You can create a name for the control panel.

SIM Card No. of Alarm Panel: Enter the phone number of the control panel. After an account is added, you can go to the operation interface by tapping the account.

Note: Adding accounts enables you to bind your smart phone to alarm systems. You can add more accounts, that means, you can operate several G310 alarm systems on one smart phone.

Alarm Control

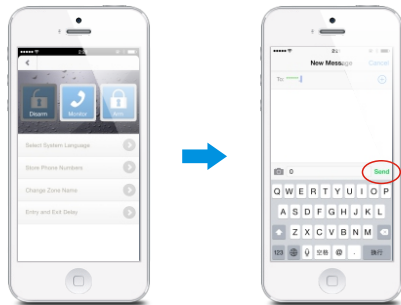
The following description takes iPhone as an example.

Disarm

Tap [Disarm ]. The interface turns to sending SMS page.

Tap [Send]. The SMS is sent to the number of the control panel.

The control panel replies to your smart phone with the following message: System disarmed.



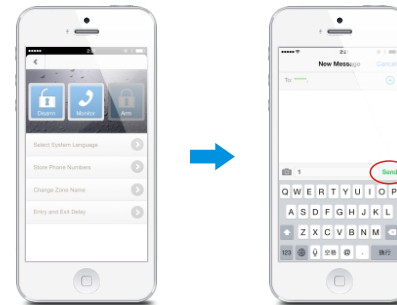
Note: For Android smart phones, SMS will be directly sent to the number of the control panel without interface redirection.

Arm

Tap [Arm ]. The interface turns to sending SMS page.

Tap [Send]. The SMS is sent to the number of the control panel.

The control panel replies to your smart phone with the following message: System armed.

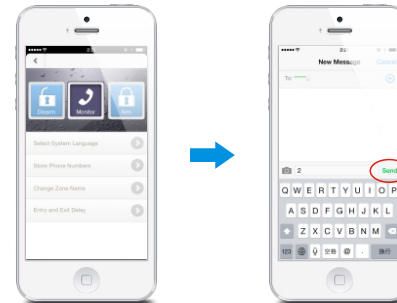


Monitor

Tap [Monitor ]. The interface turns to sending SMS page.

Tap [Send]. The SMS is sent to the number of the control panel.

The control panel will call your smart phone and then after picking up the call, you can monitor the site remotely.



System Settings

Select System Language

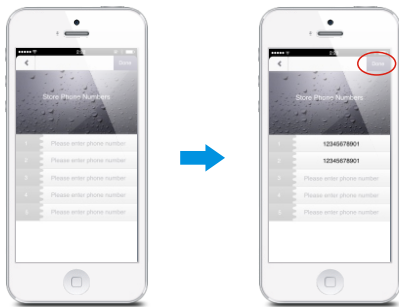
System language is about the language that the control panel supports. The list covers some main languages.

Store Phone Numbers

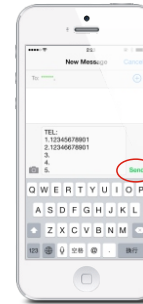
You can store 5 alarm phone numbers. Once an alarm is triggered, the control panel will send SMS and call these numbers in turn.

After you edit the alarm phone numbers, tap [\[Done\]](#), the interface turns to sending SMS page.

Tap [\[Send\]](#) . The SMS will be sent to the number of the control panel.



The control panel replies to your smart phone with the following message: Store phone numbers successfully.



Note: After you store the alarm phone numbers, the control panel accepts only the commands from these numbers. If any other number sends SMS to the control panel to operate the system, the control panel replies the message: [Sorry, operation failed!](#) [Phone number is not authorized.](#)

Once an alarm is triggered, the control panel will alert stored alarm phone numbers by SMS first , and then call these numbers for three rounds at most. For the first round, it calls all numbers in turn no matter the alarm call is answered or not. From the second round, as long as one user answers the call, the control panel stops dialing the next number. user who picks up the call can monitor (listen in) the site. For other notifications (tamper alarm, low battery), the control panel sends an SMS only to the first alarm phone number. If the input format or content is incorrect, the control panel replies ["Wrong input."](#)

Change Zone Name

The zone name is set to help users to identify the intrusion location when the alarm goes off.

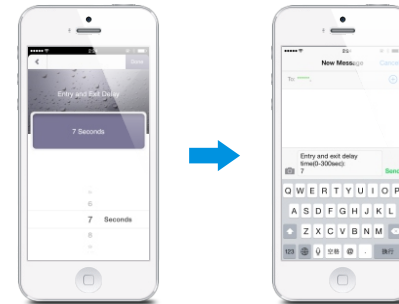


After you change zone names, the interface turns to sending SMS page. Edit the zone names, then tap [Send]. The SMS is sent to the number of the control panel.

The control panel replies to your smart phone with the following message: Change zone name successfully.

Note: The system supports up to 50 accessories, that is, 50 zones. Only the names of the first 4 zones can be changed with at most 30 English characters for each line. The format of the rest zones is fixed like "Zone 5 alarm", "Zone 6 alarm"...

Entry and Exit Delay

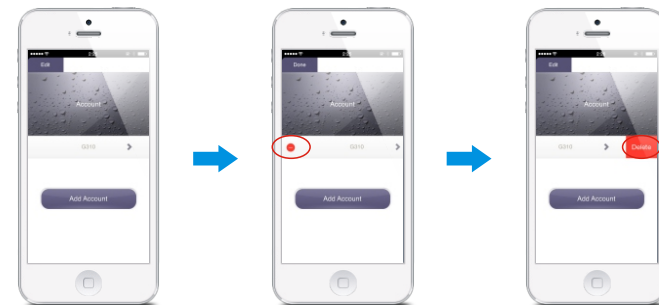


Choose a time, then tap [Done]. The interface turns to sending SMS page. Tap [Send]. The SMS is sent to the number of the control panel. The control panel replies to your smart phone with the following message: Set delay time successfully.

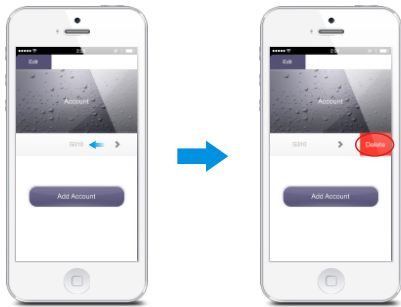
Note: If users do not want to take the remote control, entry and exit delay can be set. when the system is armed, one beep will be heard every 1 second to remind users to leave, the reminding rhythm will be speeded up in the last 15 seconds. Wireless siren beeps every 5 seconds. Once the intruder is detected, the alarm will be delayed accordingly.

Delete Accounts

Method 1



Method 2



Note: For Android phones, you need to press and hold the "Account name" in edit mode, until the prompt appears.

SMS Operation

Insert a SIM card to the control panel, then send an SMS of "?" to the SIM card number, the operation guide message will be received.

You can control the alarm system by following the guide message:



'0' Disarm
'1' Arm
'2' Call-back monitor
'3' Store phone number
'4' Change zone name
'5' Entry and exit delay

Disarm

System disarmed.

0

Arm

System armed.

1

Call-Back Monitor

2

Send "2" to the SIM card number, the control panel will call back. Pick up the phone and start to monitor the site.

Store Phone Number

3

TEL:

- 1.
- 2.
- 3.
- 4.
- 5.

TEL:

1.00496123654789
2.00496123456788
3.00496123456787
4.00496123456786
5.00496123456785

Store phone numbers successfully.

Note! System fails to recognize the feedback command from user if the SMS format has been changed.

Firewall feature is adopted to prevent the system from being operated by non-stored phone numbers.

Change Zone Name

4

Zone name:

1. Zone 1 alarm
2. Zone 2 alarm
3. Zone 3 alarm
4. Zone 4 alarm

Zone name:

1. Home gate alarm
2. Living room PIR
3. Bedroom PIR
4. Garage gate alarm

Change zone name successfully.

Note! Due to SMS character limit, only 4 zones can be renamed with at most 30 English characters for each line. Other alarm zones are fixed like "Zone 5 alarm", "Zone 6 alarm" and so on.

Entry and Exit Delay

5

Entry and exit delay time (0-300sec) :
0

Entry and exit delay time(0-300sec) :
10

Set delay time successfully.

Note: If users do not want to take the remote control, entry and exit delay can be set. when the system is armed, one beep will be heard every 1 second to remind users to leave, the reminding rhythm will be speeded up in the last 15 seconds. and the wireless siren beeps every 5 seconds. once the intruder is detected, the alarm will be delayed accordingly.

SMS Alert for Low Battery of Accessories

SMS will be sent for 1-4 zones with its zone name as "Zone name +low battery".

Bedroom PIR low battery.

SMS alert for 5~50 zones will be "Zone number + low battery".

Zone 10 low battery.

SMS Alert for Tamper Alarm of Accessories

SMS will be sent for 1-4 zones with its zone name as "Zone name+detector tamper alarm".

Bedroom PIR detector tamper alarm.

SMS alert for 5~50 zones will be "Zone number+detector tamper alarm".

Zone 10 detector tamper alarm.

Arm & Disarm by Free Phone Call

Arm

Call the control panel number, hang up when hearing the ring tone. The panel will call back, the user hangs up the phone directly. System is armed.

Disarm

Call the control panel number, hold on until the panel hangs up the call. The panel will not call back. System is disarmed.

Note: No phone charge for the above operations.

Emergency Call

Press the "SOS" button on the control panel or the remote control, the system will alarm immediately and send SMS of "Emergency Call".

Add New Wireless Accessories

Press the connect button, then trigger the accessory once (press any button on the remote control / separate the transmitter and the magnet of the contact / press the test button of the detectors). When a beep is heard from the control panel, the connection is successful. If two beeps are heard, this means the accessory has been connected already.

The first connected sensor is in Zone 1, the second connected sensor is in Zone 2.

Remote controls are not included in the number of zones.

Delete Wireless Accessories

Press and hold the connect button on the control panel till two beeps are heard. Then all accessories are deleted.

Connect with SS1005 Wireless Siren

Press the connect button on the siren, a beep is heard from the siren. 3 seconds later, another beep is heard and the strobe flashes, this means the siren is in the connection status. Then press the [SOS] button at the back side of the control panel, a beep is heard from the siren, then the connection is finished. To exit connection status, press the connect button again, one beep is heard and strobe is out, the siren quits connection status.

Note: Please don't trigger any detector during connection.
Press the connect button on the siren for 6 seconds until one beep is heard, means its connection with control panel has been cleaned.
For connection with other sirens please refer to the relative user manual of siren.

Test Siren and Control Panel Connection

Press the [Arm ] button on the remote control. If the control panel and siren both beep once, the connection is successful.

If no beep is heard from the siren, the connection fails. Please connect again.

Note: When you operate sirens via a remote control, sirens may respond 2-3 seconds later.

Restore to Factory Settings

Press the connect button and [SOS] button on the control panel at the same time, after two beeps, all settings are restored to default.

All the settings will be cleared after restoring to factory setting, but the connection between control panel and accessories still exists.

Trouble Shooting

Fault	Cause/Trouble shooting
No response after pressing the remote control	Check whether the remote control is connected to the control panel successfully
	The remote control is too far away from the control panel
	Check whether the alarm function button of the control panel has been switched from OFF to ON
The door/window contact cannot trigger an alarm	Check whether the alarm function button of the control panel has been switched from OFF to ON
	Check whether the LED on the transmitter is on when it is separated from the magnet
	The contact is too far away from the control panel
	Check whether the contact has connected to the control panel successfully
The PIR motion detector cannot trigger an alarm	The detector is too far away from the control panel
	Check whether the alarm function button of the control panel has been switched from OFF to ON
	Arm the system. Press the test button at the back more than twice. Then, check whether the LED is on and an alarm is triggered. If not, connect with control panel again
	Check whether the detector is in the sleeping mode. Learn about the mode and requirement for installation location
No response after inserting a SIM card	Make sure the direction of the SIM card is correct
	Insert the SIM card first and then switch on the control panel
	Make sure caller display and SMS function are activated
	Make sure it is a GSM SIM card
	Check whether SIM card has locked by its PIN
No alert call after an alarm is triggered	Check whether alarm phone numbers are stored
	If you disarm the system immediately after an alarm is triggered, the attempt to make phone call stops simultaneously
	Make sure the balance of the SIM card is sufficient
The PIR motion (connected with control panel already) is trigger but siren keeps silence	Check whether the siren is powered on
	Check whether the siren has connected with control panel successfully

Trouble Shooting

Battery life of door/window contact	Two built-in CR2032 lithium cell batteries provides 1-2 years standby
Battery life of PIR motion detector	Two built-in AA batteries provide 8-12 months standby
AUX could not play music	Check whether the control panel is in working status when playing music
Bluetooth could not connect	Check whether the user mobile and control panel all enter Bluetooth connecting state, and within the range of 3m
	Check whether the user mobile need to input verification code "0000" before Bluetooth connecting
	Check whether the control panel has connected with other mobile already

Specifications

G310 Control Panel

Product Name	GSM/SMS Alarm System with Bluetooth Speaker
Power Supply	DC 5V 2A
GSM Frequency	850/900/1800/1900 MHz
Max. Output Power	3W (one speaker)
Diameter of AUX Input Interface	3.5mm
Bluetooth Version	3.0+EDR
Static Current	<55mA
Alarm Current	<170mA
Built-In Backup Battery	18650 3.7V 1200 mAh rechargeable lithium battery
Supported Wireless Accessories	10 remote controls and 50 wireless sensors
Radio Frequency	868MHz
Housing Material	ABS Plastic
Operating Condition	Temperature -10°C ~+ 55°C Relative Humidity <80% (non-condensing)
Dimensions (L x W x H)	164 x 140 x 57 mm

MD2300 PIR Motion Detector

Power Supply	DC 3V(1.5V AA battery x 2)
Static Current	<50 uA
Alarm Current	<11 mA
Detection Scope	8m/110°
Transmitting Distance	<80 m (open area/no interference)
Radio Frequency	868MHz
Housing Material	ABS plastic
Operating Condition	Temperature -10°C ~+ 55°C
Detector Dimensions (L x W x H)	Relative Humidity <80% (non-condensing) 101.5 x 59 x 37.5 mm
Bracket Dimensions (L x W x H)	60 x 29 x 27 mm

DS2300 Door/Window Contact

Power Supply	DC 3V(CR2032 lithium cell battery x 2)
Static Current	<1 uA
Alarm Current	<10.5 mA
Transmitting Distance	<80 m (open area/no interference)
Radio Frequency	868MHz
Housing Material	ABS plastic
Operating Condition	Temperature -10°C ~+ 55°C Relative Humidity <80% (non-condensing)
Transmitter Dimensions (L x W x H)	72.5 x 28 x 10 mm
Magnet Dimensions (L x W x H)	58 x 14 x 9.5 mm

RE2300 Remote Control

Power Supply	DC 3V(CR2032 lithium cell battery x 1)
Transmit Current	<9.5 mA
Transmitting Distance	<80 m (open area/no interference)
Radio Frequency	868MHz
Housing Material	PC+ABS plastic
Operating Condition	Temperature -10°C ~+ 55°C Relative Humidity <80% (non-condensing)
Dimensions (L x W x H)	71 x 38 x 12 mm

SS1005 Mini Strobe Siren

Power Supply	AC 100V~240V, 50/60Hz
Volume	90dB
Backup Battery	3.7V 600mAh lithium battery
Static Current	<13mA
Alarm Current	<100mA
Radio Frequency	868MHz
Housing Material	PC+ABS plastic
Operating Condition	Temperature -10°C ~+ 55°C Relative Humidity <80% (non-condensing)
Dimensions (L x W x H)	90 x 90 x 42.2mm (Not include plug part)

Disclaimer

smanos have reviewed this manual thoroughly in order to make it an easy to use guide for this product. All statements, technical information, recommendations in this manual are believed reliable, but the accuracy and completeness are not guaranteed or warranted.

The specifications and information regarding the products in this document are subject to change without notice.

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Caution and Warnings

Due to laws and regulations determined by the European Parliament, some (wireless) devices may be subject to restrictions on its use in certain European countries. In some EU Member States, the use of equipment are prohibited. Contact your (local) government for more information on these restrictions.

Always follow the instructions in the manual, especially when it concerns devices which need to be assembled.

Warning: in most cases it is an electronic device. Incorrect or improper uses of the device may result in (serious) injuries.

Repairing the unit must be done by smanos qualified personnel. The warranty expires immediately if the unit is repaired and/or when the product is misused.

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Notes

Sensor	Sensor Type	Name	Group		
			Normal	Home	24/7
Zone 1	Magnet contact				
Zone 2	Motion detector				
Zone 3					
Zone 4					
Zone 5					
Zone 6					
Zone 7					
Zone 8					
Zone 9					
Zone 10					
Zone 11					
Zone 12					
Zone 13					
Zone 14					
Zone 15					
Zone 16					